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Reviewer: Durreshwar Anjum

Timestamp: Mon Nov 05 14:34:49 EST 2007

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Application No: 10584742 Version No: 1.0

Input Set:

Output Set:

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Finished: 2007-10-22 16:39:30.349
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 718 ms
Total Warnings: 11
Total Errors: 0
No. of SeqIDs Defined: 43
Actual SeqID Count: 43

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<110> HIRANO, Toshio
YAMASHITA, Susumu

<120> EMT-Inducing Agents

<130> SPO-128

<140> 10584742

<141> 2007-10-22

<150> PCT/JP2004/019246

<151> 2004-12-22

<150> JP 2003-435122

<151> 2003-12-26

<160> 43

<170> PatentIn version 3.3

<210> 1

<211> 742

<212> PRT

<213> Danio rerio

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Ser Leu Ala Leu Leu Trp Ala Cys Ser Val Gly Ala Gly Ser Asp Cys
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Lys Ser Val Ala Ile Glu Thr Asp Ser Arg Ile Ala Glu Gln Thr Gln
65 70 75 80

Gln Arg His Leu Gln Ala Leu Phe Asp Lys Tyr Gly Gln Asn Gly Ser
85 90 95

Ile Ser Leu Glu Gly Leu Phe Asn Leu Leu Lys Gly Val Gly Leu Asp
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Arg Ile Arg Lys Val Met Val His His Pro Gly Asn Ala His Asn His		
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Thr His Thr His Asp His Thr His Thr His Val Asp Lys Leu Thr Ala		
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His Thr His Pro Val Thr Thr Lys Lys Gly Asp Met Asp His Ser Val		
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Glu Lys Ser Asp Pro Val Pro Lys Ala Gln Pro Asp Pro Ala Ser Gly		
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Lys Lys Ser Gln Ser Asp Ala His His Asn Leu Tyr Met Lys Met Asn		
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Gln Glu Ser Thr Thr Ala Leu Thr Thr Pro Ser Tyr Val Thr Arg Ser		
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Ser Phe Ser Pro Ser Gln Pro Asn Val Thr His Ser Asn His Thr His		
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His Asp Glu Asp Thr Pro Thr His Gln His Asp Asp His Asp Glu His		
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Gln Thr His Gly Met Arg Lys Glu Ala Ser Leu Ser Val Lys Asp Phe		
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Ser Phe Leu Cys Pro Ala Leu Leu Met Gln Ile Asp Ser Lys Ser Cys		
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Ile Val His Glu Asp Glu Asp Glu His Ser Asp His Ser His His His		
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Lys His His His His His His Asp His Gln His Leu Gln His Pro His		
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340 345 350

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Val Gly Val Val Leu Ile Pro Leu Met Asn Arg Val Cys Phe Asn Phe
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Leu Leu Ser Phe Leu Val Ala Leu Ala Val Gly Thr Leu Ser Gly Asp
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Ala Leu Leu His Leu Ile Pro His Ser Gln Gly His His His His Gly
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His Ser Glu Glu His Ala Glu Glu Glu Asp Ser Leu Arg Pro Val Trp
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Thr Gly Leu Thr Ala Leu Ser Gly Val Tyr Ile Met Phe Leu Ile Glu
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His Phe Leu Thr Leu Gly Lys Met Tyr Lys Asp Lys Asn Gln Lys Val
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Gln Lys Arg Val Asp Leu Thr Thr Glu Val Leu Glu Ser Glu Lys Leu
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Pro Ser Leu Glu Glu Asn Asp Val Lys Ile Glu Ala Ala Glu Thr Asn
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Gly Gly Arg Ala Leu Ala Glu Glu Glu Glu Val Met Leu Gly Ala Glu
500 505 510

Leu Tyr Asn Asp Ile Asp Cys Glu Asn Lys Cys His Ser His Phe His
515 520 525

Asp Thr Val Gly Gln Ser Asp Glu Gln His His His His His Asp Tyr
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His Thr His Arg His Thr His Ser Tyr Ser Gln Gln His Phe Glu Gln

565

570

575

Ala Gly Val Ala Thr Leu Ala Trp Met Val Ile Met Gly Asp Gly Leu
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His Asn Phe Ser Asp Gly Leu Ala Ile Gly Ala Ala Phe Thr Glu Gly
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Leu Ser Ser Gly Leu Ser Thr Ser Val Ala Val Phe Cys His Glu Leu
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Pro His Glu Leu Gly Asp Phe Ala Val Leu Leu Lys Ala Gly Met Ser
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Ala Thr Trp Ile Phe Ala Leu Thr Ala Gly Leu Phe Met Tyr Val Ala
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690 695 700

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<212> PRT

<213> Homo sapiens

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Asp His Glu His His Ser Asp His Glu His His Ser Asp His Asn His		
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Thr His Phe Leu Glu Thr Ile Glu Thr Pro Arg Pro Gly Lys Leu Phe		
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Pro Lys Asp Val Ser Ser Ser Thr Pro Pro Ser Val Thr Ser Lys Ser		
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275 280 285

Ile Asn Gln Ile Asp Ala Arg Ser Cys Leu Ile His Thr Ser Glu Lys
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Lys Ala Glu Ile Pro Pro Lys Thr Tyr Ser Leu Gln Ile Ala Trp Val
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Gly Gly Phe Ile Ala Ile Ser Ile Ile Ser Phe Leu Ser Leu Leu Gly
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Val Ile Leu Val Pro Leu Met Asn Arg Val Phe Phe Lys Phe Leu Leu
340 345 350

Ser Phe Leu Val Ala Leu Ala Val Gly Thr Leu Ser Gly Asp Ala Phe
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Leu His Leu Leu Pro His Ser His Ala Ser His His His Ser His Ser
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His Glu Glu Pro Ala Met Glu Met Lys Arg Gly Pro Leu Phe Ser His
385 390 395 400

Leu Ser Ser Gln Asn Ile Glu Glu Ser Ala Tyr Phe Asp Ser Thr Trp
405 410 415

Lys Gly Leu Thr Ala Leu Gly Gly Leu Tyr Phe Met Phe Leu Val Glu
420 425 430

His Val Leu Thr Leu Ile Lys Gln Phe Lys Asp Lys Lys Lys Lys Asn
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Leu Gln Asn Ala Gly Met Leu Leu Gly Phe Gly Ile Met Leu Leu Ile
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